



## PATENT ABSTRACTS OF JAPAN

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**(54) CHLORINE GENERATOR**

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(57) Abstract:

**PROBLEM TO BE SOLVED:** To provide a chlorine generator capable of uniformize the distribution of a hypochlorous acid concn. in stored water at the time of water stoppage and capable of accelerating the liberation of an electrolyzed gas (gaseous oxygen and gaseous hydrogen) generated by electrolysis from the surface of electrodes and capable of preventing deterioration in electrolytic performance.

**SOLUTION:** When a direct voltage is applied to each of electrodes 51 and 52 at the time of water stoppage, hypochlorous acid is produced from stored water containing a chlorine ion. Here, the hypochlorous acid produced between each of the electrodes 51 and 52 is diffused by natural diffusion to the outside of an outside electrode 53 through an open part 53a and also diffused to the outside through small holes 55 and dispersion in an effective chlorine concn. is prevented.

